

## POLYMER-BITUMEN MASTIC TECHNOMICOL Nr.21

### Liquid Roof Waterproofing

#### Description of material

TECHNONICOL Nr. 21 is a liquid rubber, ready to use material suitable for repair works or for waterproofing of entire roofs and details. The formulation consists of oil bitumen modified by artificial polymers, mineral fillers and organic solvent. After drying, TECHNOMICOL Nr. 21 forms a strong and elastic covering, highly resistant to temperature changes, considerably increasing the service life of the protected roof surfaces.

#### Application areas

The mastic can be used to waterproof and protect entire roofs including all parapets and detailing areas. It can also be used to waterproof a range of engineering structures such as basements, footings, piles and other building elements which are buried underground and likely to be in contact with damp environment. In addition, TECHNOMICOL No. 21 can be used for the anti-corrosion, weatherproof protection of metal surfaces such as pipelines.



#### Method of application

The mastic should be applied to prepared surfaces which are clear of any debris and surplus materials. The product can be applied by using a stiff paint brush, filling knife or by pouring and leveling. Single layer thickness should not exceed 1.5 mm, and each subsequent layer must be applied after the previous layer is completely dry. It is highly recommended to apply a minimum of 2 layers in order to achieve durable waterproofing performance.

#### Consumption

for mastic roofing – 3.8-5.7 kg/m<sup>2</sup>  
for waterproofing – 2.5-3.5 kg/m<sup>2</sup>

#### Packing

Bucket of 3, 10 and 20 kg.

#### Storage

The product should be stored in a dry place protected from direct sunlight at temperatures from -20°C to +30°C. Shelf life – 18 months.

Property	Value
Adhesion strength to substrate, Mpa	0.6 (Concrete) / 0.9 (Metal)
Heat resistance, °C	110
Dry residue, %	50
Elongation at break, %	500

#### Technical Service and Other Products

Specialist advice and information on other compatible products can be found at [www.wonderbuilds.co.uk](http://www.wonderbuilds.co.uk)